



Sheet 1 of 1 ()

Form PTO-1449

**INFORMATION DISCLOSURE CITATIONS
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.
1503-0153PAPPLICATION NO.
10/648,359APPLICANT
Veijo KARPPINEN et al.FILING DATE
August 27, 2003GROUP
Unassigned**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
JA	US 4,344,025		1982-08-10	Okuyama et al.			
JA	US 4,647,837		1987-03-03	Stemmler			
	US						
	US						
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	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
JA	DE	43 27 162	C1	1994-07-28	GERMANY (W/ABSTRACT)				
JA	JP	9-0509	A	1997-01-10	JAPAN (W/ABSTRACT)				
JA	JP	8-322153	A	1996-03-12	JAPAN (W/ABSTRACT)				

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

J. Han

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12 / 16 / 04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.S.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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